



SWARC NEWS

Meeting Notes

SWARC held its monthly meeting on 2 April 2018 at the American Legion Post in Fuquay Varina. Dinner started at 6 pm and the meeting started at 6:30 pm.

Brian - KK4BK called the meeting to attention. The Pledge of Allegiance was led by Bernie KM4QVG.

25 members were in attendance.

Updates were given on SWARC Raffle ticket sales at RARs fest. Approximately 170 tickets were sold.

With Elections upcoming in June, the Election committee of Dave K4MSE, Dave NW3U and Mike K4MWG, started its planning and searches for candidates. If you would like to run for a South Wake ARC office, please see one of these 3 gentlemen.

Field Day is quickly approaching. If you are interested in participating in field day, contact Brian KK4BK. There are several opportunities to participate by being on air, working with the public, or educational opportunities.

The program for the evening was "SkyWarn refresher training". Mike MoneyPenny and Shea McLamb gave an updated presentation on what SkyWarn is, what opportunities are available, and "What not to do" if you are chasing a storm. Unlike last year, the presentation did have working movies and sound. Attached is a handout from the presentation.

BIG Thank You to David Sosnin N4TTN and Mike Gaither K4MWG in a show of support for a fellow ham "Down on His Luck". They showed the True Spirit of "Ham Helping Hams". Thanks Guys!

One New Non-Ham signed up to become a member last night. One of our members brought him along and is helping him to get his Tech License. If you are talking with someone who may be interested in becoming a HAM, bring them to a meeting – we promise not to scare them off.

The May Meeting will be the Spring Picnic. Hamburgers and hot dogs will be provided. Sign up on the website with a side dish and help us get a count for the number of folks who will be there.

South Wake Amateur Radio Club Treasurer Report March 2018

Club Addition and Reduction Activity

Additions

50/50	35.00	cash	
Dues	15.00	check #7069	Andrew McDaniel (KN4JJU)
Dues	15.00	cash	Kenn Kubacki (NE4Y)
Dues	15.00	check #134	Joseph Pittman (KM4YTF)
Dues	30.00	check #1070	Micheal Rowland (N3YEP)

Total Additions 110.00

Reductions

Meal cost	10.00	cash	reimbursed David Sosnin (N4TTN)
Donation-Salvation Army	100.00	check #1654	reimbursed Brian Knox (donation for AA4JR's father)
Sam's Club membership	45.00	check #1655	reimbursed Christine Fernandini
USPS	120.00	check #1656	annual PO Box Fee

Total Reductions 275.00

RBC Bank Account Activity

Balance as of 03/05/2018	4219.19		
Addition	110.00		
Reduction	275.00		

**Balance as of
04/02/2018** 4054.19

Christine Fernandini KJ4AEO 04/02/2018

NET Report

No NET Report has been submitted there is nothing to report other than NETs were held.

Our NET Whip is working on the problem. Please we ask that all net reports be sent to Jonathan at sharpsburg1130@gmail.com

A big thank you to Jonathan for stepping up.

Jonathan, W1JCA is on the lookout for new net control operators. If interested please contact Jonathan, W1JCA.

Membership Report

Ryan, NC4RA informed us that we currently had 101 members.

Public Service

Mike, KD4OKR had nothing to report on Public Service. However Dave, NW3U submitted the following

Vice President

Nothing to report

Next Meeting

The next meeting will be May 7, 2018. Dinner will start at 6 pm. Meal will be our spring picnic and consist of hamburgers and hotdogs. Be sure to sign up so we know how many hamburgers and hotdogs we will need. Also when you sign up let us know if you are bringing a side dish. There will be no program.

Annual Armed Forces Day Crossband Communication Test Set for Saturday, May 12

04/26/2018

The Military Auxiliary Radio System (MARS) will sponsor the traditional military/amateur radio communication tests to mark the 67th annual Armed Forces Day (AFD) on Saturday, May 12. Armed Forces Day is May 19, but the AFD Crossband Military-Amateur Radio event traditionally takes place 1 week earlier in order to avoid conflicting with Hamvention. Complete information, including military stations, modes, and frequencies, is available on the [US Army MARS website](#).

The annual celebration is a unique opportunity to test two-way communication between radio amateurs and military stations (authorized under §97.111 of the Amateur Service rules). It features traditional military-to-amateur crossband SSB voice, CW, practice using legacy interoperability waveforms, and the opportunity for participating hams to utilize more modern military modes, such as MIL-STD Serial PSK and Automatic Link Establishment (ALE). Military stations and Amateur Radio stations are authorized to communicate directly on certain 60-meter interoperability channels.

These tests give Amateur Radio operators and shortwave listeners (SWLs) a chance and a challenge to demonstrate individual technical skills in a tightly-controlled exercise scenario, and to receive recognition from the appropriate military radio station. QSL cards will be available for stations successfully contacting participating military stations.

Military stations will transmit (USB, unless otherwise noted on the schedule) on selected military frequencies and will announce the specific amateur frequencies they are monitoring. MARS stressed that frequencies used for the test will not impact any public or private communications and will not stray outside the confines of the exercise. An Armed Forces Day test message will be transmitted utilizing the Military Standard (MIL-STD) Serial PSK waveform (M110) followed by MIL-STD Wide Shift FSK (850 Hz RTTY), as described in MIL-STD 188-110A/B. [Technical information](#) regarding these waveforms is available. The AFD test message will also be sent at 0300 UTC in CW. Those who want a QSL should complete the [request form](#) on the MARS website.



Logbook of The World has Online Status Monitor

04/26/2018

Logbook of The World (**LoTW**) now has a full-time **status monitor**. The system's status is displayed in real time and is available offsite, offering a single spot for all users — web, Facebook, Twitter, etc. — to quickly check what's happening with the online repository of contacts and confirmations.

At a glance, the LoTW status monitor shows if the system is up, paused, or down; overall uptime statistics, and quick stats. A green status means all systems are go, a red status means the system is down, and a black status means the system has been paused. The monitor indicates overall uptime for the past 24 hours, the past 7 days, and the past 30 days, as well as the most-recent downtime occurrence.



ARRL Website, Some Services to be Down Briefly on May 1

04/27/2018

The ARRL website and some services will be down for maintenance for up to 1 hour on Tuesday, May 1, starting at approximately 0900 UTC. During this period some or all systems may be temporarily inaccessible. This includes all content on www.arrl.org (including the ARRL Store), <http://contest-clubs.arrl.org>, and <http://contest-log-submission.arrl.org>. Logbook of the World and e-mail will not be affected. We apologize for any inconvenience.



JK Antennas Donates 40-Meter Yagi Antenna to W1AW

04/26/2018

JK Antennas of Connecticut has generously donated a new two-element, 40-meter Yagi antenna to Maxim Memorial Station W1AW at ARRL Headquarters. JK Antennas' Ken Garg, W3JK, and his assistant, Craig Finley, transported the new Yagi to W1AW on April 24 for assembly and installation.

"I am very grateful for Ken's generosity," said W1AW Station Manager Joe Carcia, NJ1Q. "His kindness toward W1AW, technical expertise, and pride in his product is most refreshing." Carcia said the new antenna replaced a Yagi that had not been performing as needed and had failed a couple of times in the past.

"What we did on April 24 was remove the old two-element, 40-meter Yagi — fixed to the south-southwest and used for all of our 40-meter code practice and bulletin transmissions — and replaced it with the JK402T two-element 40-meter Yagi," Carcia explained.

Taking down the old antenna were Andrew Toth — who works with Matt Strelow, KC1XX — and Finley. Carcia pitched in to tram the old antenna down a line and off the tower. Strelow and Toth, who handle most of W1AW's antenna maintenance, were at W1AW to perform spring antenna and tower inspections. "The installation of the JK402T was a bonus! The timing just worked out," Carcia said, adding that the pair also installed a second 6-meter loop for scheduled transmissions on that band.

Strelow, Carcia, and Finley hoisted the new antenna into place, with Toth pulling from the tower and then affixing the new Yagi, making the necessary feed-line connections. Garg oversaw the process of assembling the antenna and trimming the elements to W1AW's specification.

Carcia recounted that the old antenna could not provide full band coverage right out of the box and required the user to pick a band segment for operation. "I had to compromise and tune it for the CW/digital segment," he said, "but when it came to either end of 40 meters, the amplifier was not happy."

In contrast, Carcia said the JK402T offers wide bandwidth, keeping the SWR below 2:1 across the entire 40-meter band.

Carcia estimated that the entire enterprise — from removing the old antenna to assembling the new one and putting it in place on the tower — took about 9 hours.



MONEY TALKS IT SAYS GOODBYE TO ME A LOT.



BOARD OF DIRECTORS

President

Jason Upchurch – KM4PFV

Vice President

Brian Knox – KK4BK

Secretary

Nancy Butterfield – KM4KUT

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Steve Mowels – KA0GMY

Member-At-Large

Jim Young – K9RII

Member-At-Large

John Cook – N4RMV

Membership Chair

Ryan Avery , NC4RA

Appointed Positions

NET MANAGER

Jonathan – W1JCA

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

Tim Ruffin – W4TAR

Mike Ramsey – KD4OKR

Chris Picar - K4CLP

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS *(if you have other links you want added then send them to me)*

PRN

A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts

www.gigaparts.com

QRZ

www.qrz.com

Ham Radio Outlet HRO

www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars..net

South Wake Amateur Radio Club SWARC

www.southwakearc.com